

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

February 23, 2011

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| Serial No.           | 10/523,538   |
| Applicant:           | Sunagawa, et al.   |
| Filed:               | February 3, 2005   |
| Title:               | ULTRA MINIATURE INTEGRATED CARDIAC<br>PACEMAKER AND DISTRIBUTED CARDIAC<br>PACING SYSTEM |
| Art Unit:            | 3762   |
| Examiner:            | Kahelin, Michael William   |
| Confirmation Number: | 7543   |
| Attorney Docket No.: | KUP-6  |

HONORABLE COMMISSIONER OF PATENTS

Alexandria, VA 22313-1450

**AMENDMENT  
AND RESPONSE TO OFFICE ACTION**

In response to the Office Action dated December 1, 2010, please amend the above-identified application as follows:

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.

Remarks/ Arguments begin on page 12 of this paper.